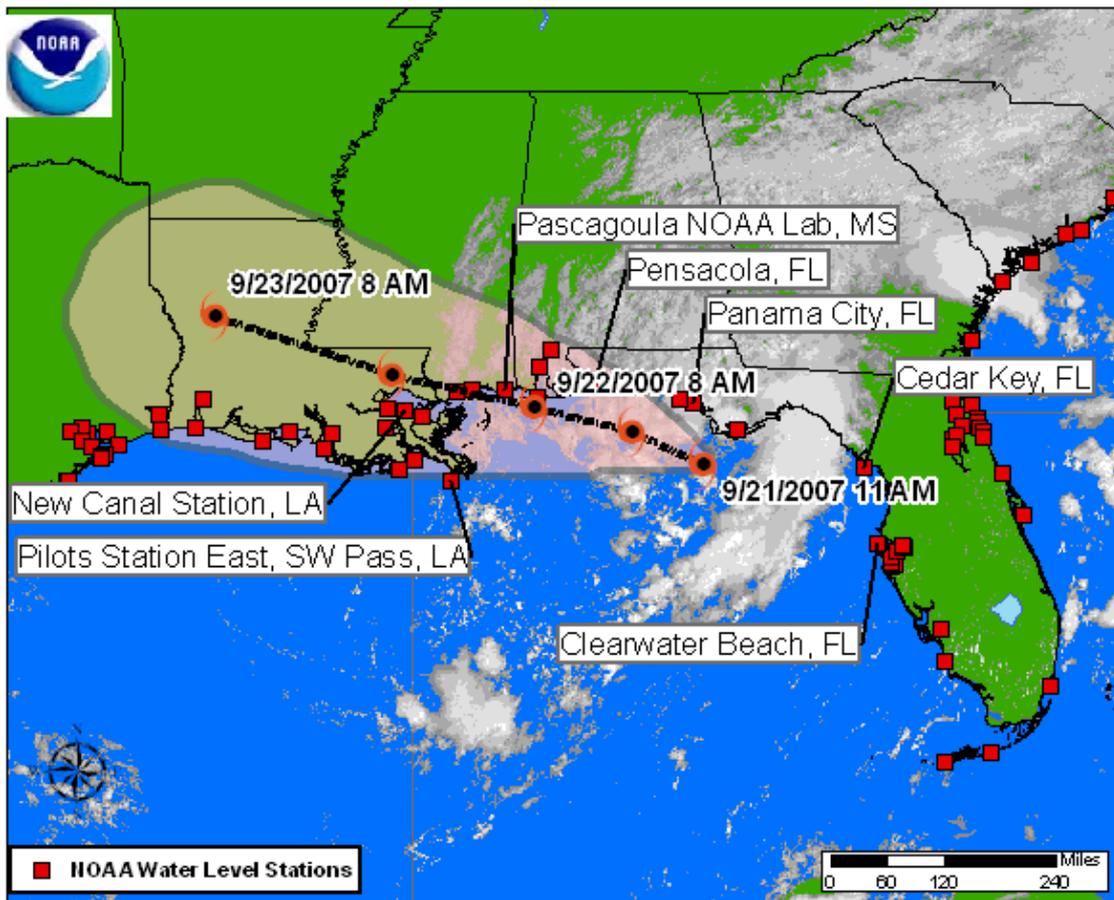




Tropical Depression TEN QUICKLOOK
Posted: 13:30 CDT 09/21/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Water level and meteorological plots available below are updated automatically. Water Level Observations on Mean Lower Low Water as of 9/21/2007 13:30 CDT are:

Cedar Key, FL ~ 1.53 ft (0.47 m) above predicted. Next high tide Fri 9/21/2007 at 23:04 CDT.

Clearwater Beach, FL ~ 0.78 ft (0.24 m) above predicted. Next high tide Fri 9/21/2007 at 21:16 CDT.

Panama City, FL ~ 0.51 ft (0.16 m) above predicted. Next high tide Sat 9/22/2007 at 05:35 CDT.

Pensacola, FL ~ 0.21 ft (0.06 m) above predicted. Next high tide Sat 9/22/2007 at 06:32 CDT.

Pascagoula NOAA Lab, MS ~ 0.53 ft (0.16 m) above predicted. Next high tide Sat 9/22/2007 at

05:32 CDT.

Pilots Station East, SW Pass, LA ~ 0.47 ft (0.14 m) above predicted. Next high tide Sat 9/22/2007 at 04:47 CDT.

New Canal Station, LA ~ 0.87 ft (0.27 m) above predicted. Next high tide Fri 9/21/2007 at 14:41 CDT.

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

...DEPRESSION BECOMES TROPICAL...

SATELLITE IMAGERY INDICATES THAT THE SUBTROPICAL DEPRESSION HAS ACQUIRED ENOUGH TROPICAL CHARACTERISTICS TO BE CONSIDERED A TROPICAL DEPRESSION.

A TROPICAL STORM WARNING REMAINS IN EFFECT FROM APALACHICOLA FLORIDA WESTWARD TO THE MOUTH OF THE MISSISSIPPI RIVER...INCLUDING NEW ORLEANS AND LAKE PONTCHARTRAIN. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.

AT 100 PM CDT THE CENTER OF TROPICAL DEPRESSION TEN WAS LOCATED NEAR LATITUDE 29.7 NORTH, LONGITUDE 85.9 WEST OR ABOUT 50 MILES SOUTHWEST OF APALACHICOLA FLORIDA AND ABOUT 155 MILES EAST-SOUTHEAST OF MOBILE ALABAMA.

THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 11 MPH. A TURN TO THE WEST-NORTHWEST IS EXPECTED DURING THE NEXT 24 HOURS. ON THE FORECAST TRACK...THE CENTER OF THE DEPRESSION WILL BE MOVING NEARLY PARALLEL TO THE COASTLINE WITHIN THE WARNING AREA TODAY AND TONIGHT.

MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH WITH HIGHER GUSTS. THE DEPRESSION IS EXPECTED TO BECOME A TROPICAL STORM LATER TODAY OR TOMORROW.

THE MINIMUM CENTRAL PRESSURE WAS 1006 MB.

RAINFALL ACCUMULATIONS OF 2 TO 4 INCHES WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES CAN BE EXPECTED IN ASSOCIATION WITH THE DEPRESSION.

ISOLATED TORNADOES ARE POSSIBLE OVER SOUTHWESTERN GEORGIA, THE FLORIDA PANHANDLE AND SOUTHEASTERN ALABAMA THROUGH TONIGHT.

COASTAL STORM SURGE FLOODING OF 1 TO 2 FEET ABOVE NORMAL TIDE LEVELS CAN BE EXPECTED IN AREAS OF ONSHORE FLOW.

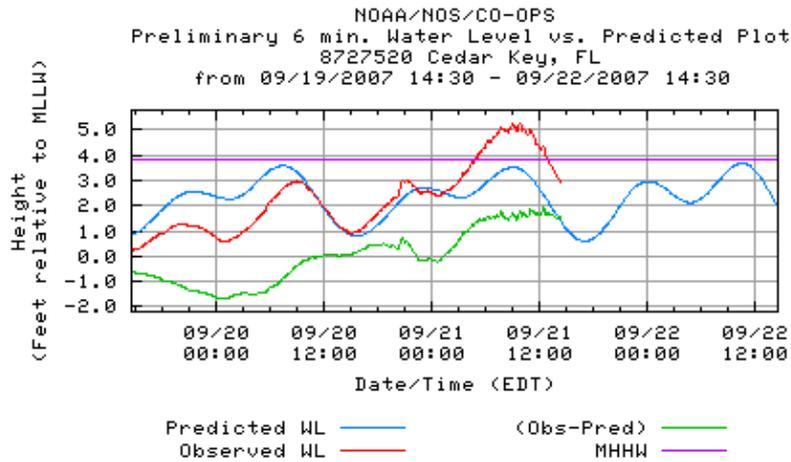
For additional data and more information on the Storm QuickLook product, please see www.tidesandcurrents.noaa.gov.

Water level analyst: CM

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

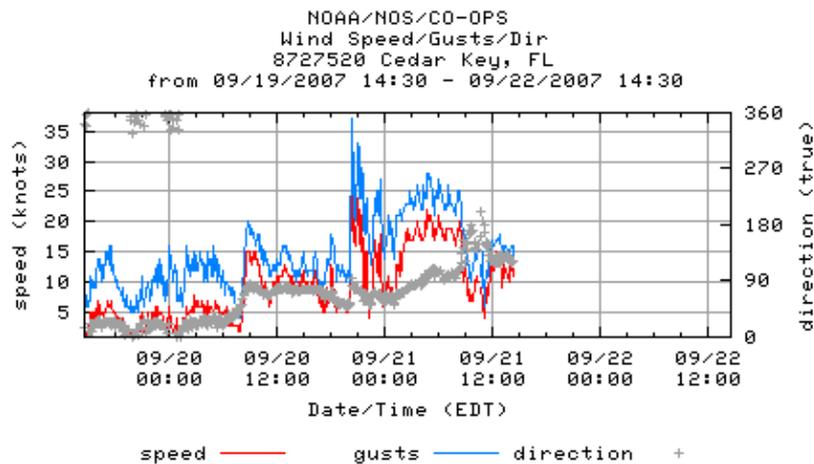
Jump to: [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Panama City - Water Level](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [New Canal Station - Water Level](#), [New Canal Station - Winds](#), [New Canal Station - Barometric](#),

Cedar Key, FL - Station Map [Return to List](#)



Last Observed Sample: 09/21/2007 14:18 (EDT)
 Relative to **MLLW**: **Observed: 2.94 ft. Predicted: 1.40 ft. Residual: 1.54 ft.**
 Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

Cedar Key, FL - Station Map [Return to List](#)



Last Observed Sample: 09/21/2007 14:18 (EDT)
Wind Speed: 11 knots Gusts: 14 knots Direction: 122° T

Cedar Key, FL - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8727520 Cedar Key, FL
 from 09/19/2007 14:30 - 09/22/2007 14:30



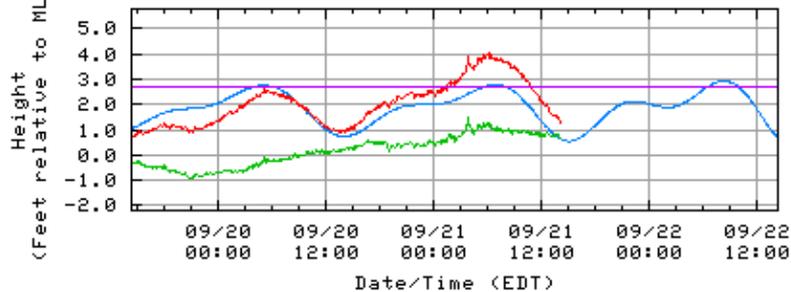
barometric pressure —

Last Observed Sample: 09/21/2007 14:12 (EDT)

Barometric Pressure: 1012.6 mb

Clearwater Beach, FL - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8726724 Clearwater Beach, FL
 from 09/19/2007 14:24 - 09/22/2007 14:24



Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

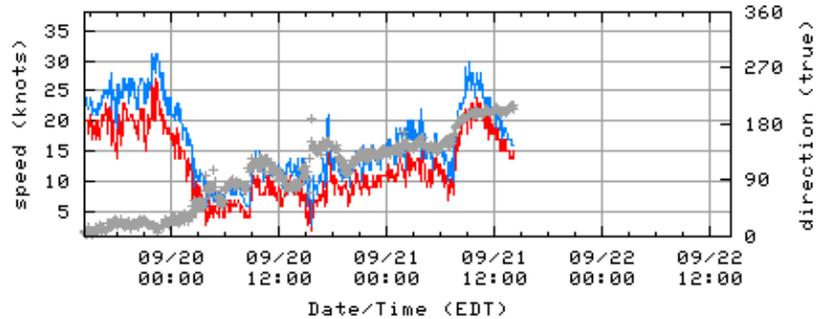
Last Observed Sample: 09/21/2007 14:12 (EDT)

Relative to **MLLW**: Observed: 1.30 ft. Predicted: 0.64 ft. Residual: 0.66 ft.

Historical Maximum Water Level: 03/13/1993, 4.05 ft. above **MHHW**

Clearwater Beach, FL - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8726724 Clearwater Beach, FL
from 09/19/2007 14:24 - 09/22/2007 14:24



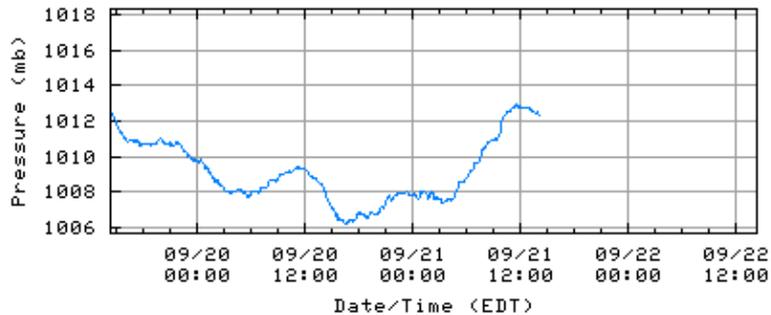
speed — gusts — direction +

Last Observed Sample: 09/21/2007 14:12 (EDT)

Wind Speed: 14 knots Gusts: 16 knots Direction: 205° T

Clearwater Beach, FL - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Barometric Pressure Plot
8726724 Clearwater Beach, FL
from 09/19/2007 14:24 - 09/22/2007 14:24

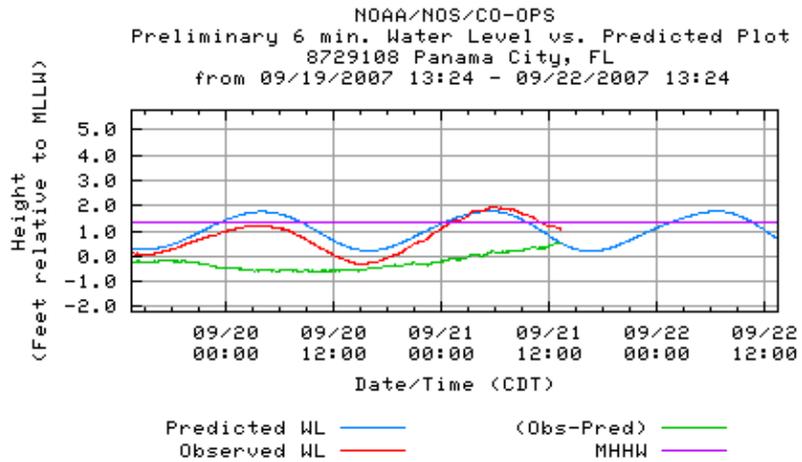


barometric pressure —

Last Observed Sample: 09/21/2007 14:12 (EDT)

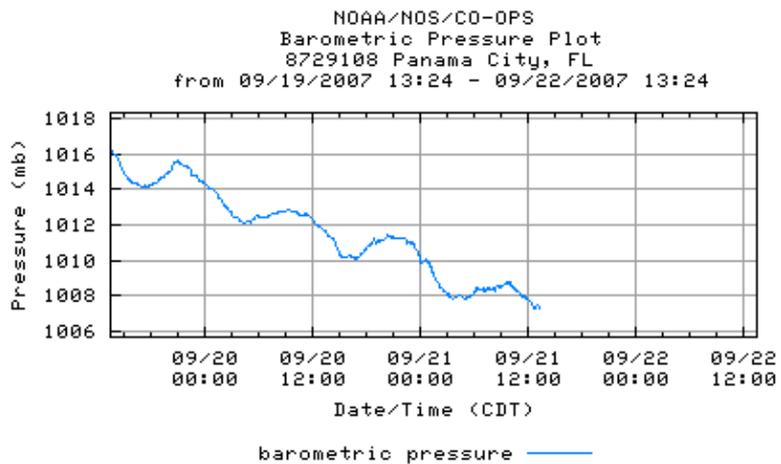
Barometric Pressure: 1012.3 mb

Panama City, FL - Station Map [Return to List](#)



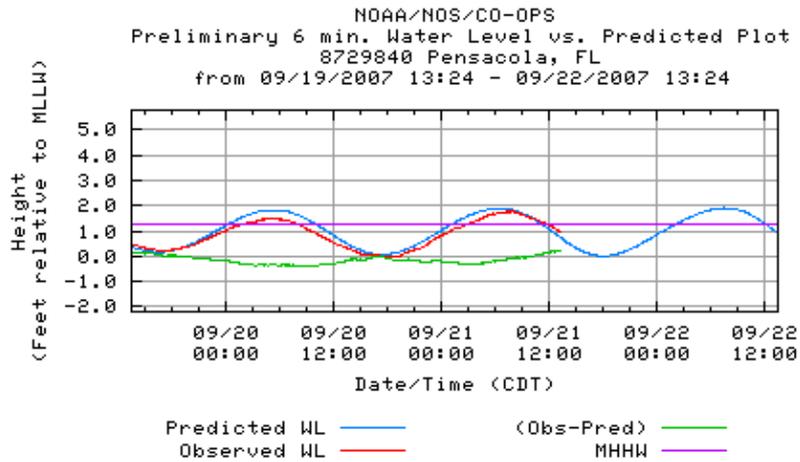
Last Observed Sample: 09/21/2007 13:12 (CDT)
 Relative to **MLLW**: **Observed: 1.08 ft. Predicted: 0.53 ft. Residual: 0.55 ft.**
 Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

Panama City, FL - Station Map [Return to List](#)



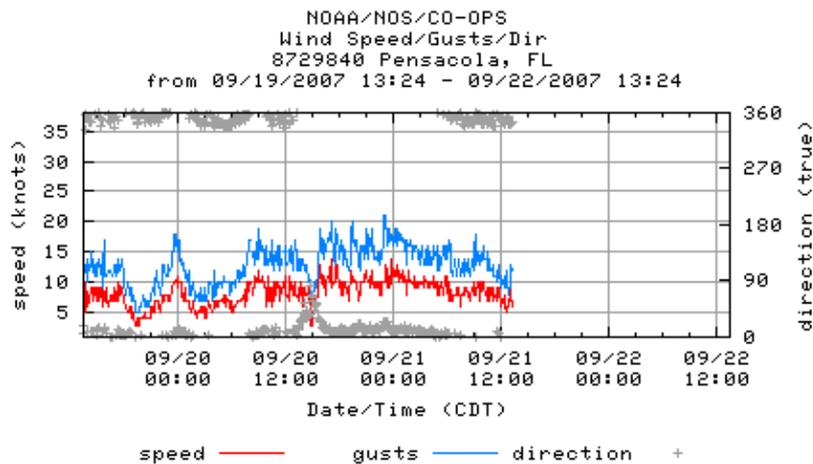
Last Observed Sample: 09/21/2007 13:12 (CDT)
Barometric Pressure: 1007.3 mb

Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 09/21/2007 13:12 (CDT)
 Relative to **MLLW**: **Observed: 0.95 ft. Predicted: 0.73 ft. Residual: 0.22 ft.**
 Historical Maximum Water Level: 09/18/1926, 7.41 ft. above **MHHW**

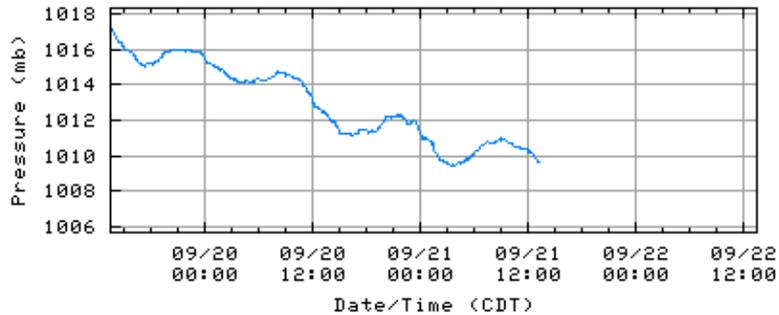
Pensacola, FL - Station Map [Return to List](#)



Last Observed Sample: 09/21/2007 13:12 (CDT)
Wind Speed: 6 knots Gusts: 12 knots Direction: 344° T

Pensacola, FL - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Barometric Pressure Plot
 8729840 Pensacola, FL
 from 09/19/2007 13:24 - 09/22/2007 13:24



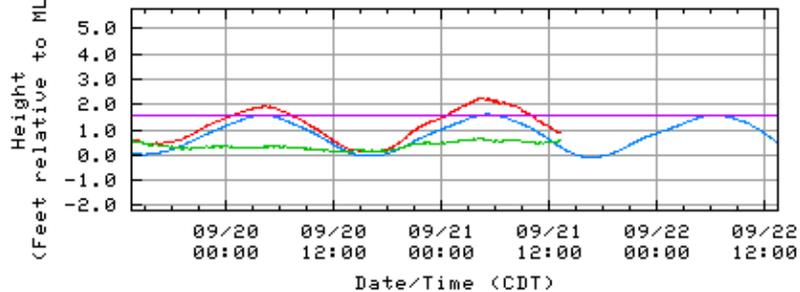
barometric pressure —

Last Observed Sample: 09/21/2007 13:12 (CDT)

Barometric Pressure: 1009.7 mb

Pascagoula NOAA Lab, MS - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
 Preliminary 6 min. Water Level vs. Predicted Plot
 8741533 Pascagoula NOAA Lab, MS
 from 09/19/2007 13:24 - 09/22/2007 13:24



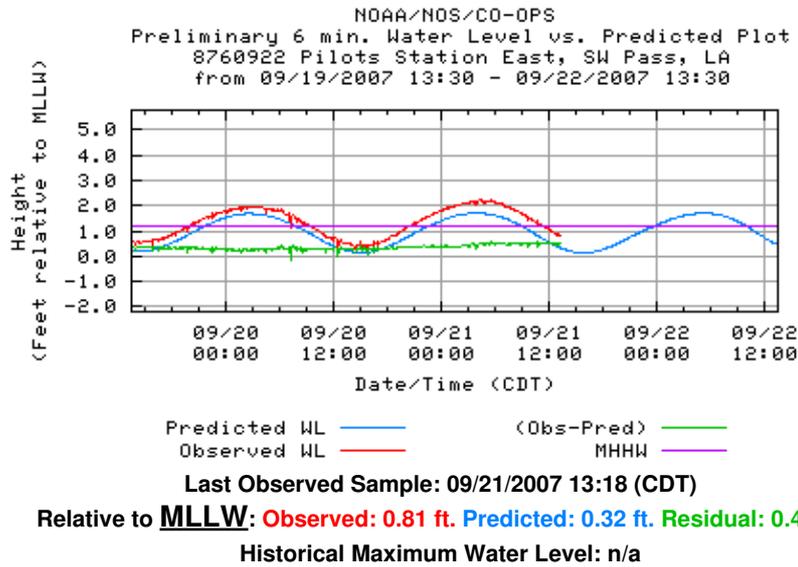
Predicted WL — (Obs-Pred) —
 Observed WL — MHHW —

Last Observed Sample: 09/21/2007 13:12 (CDT)

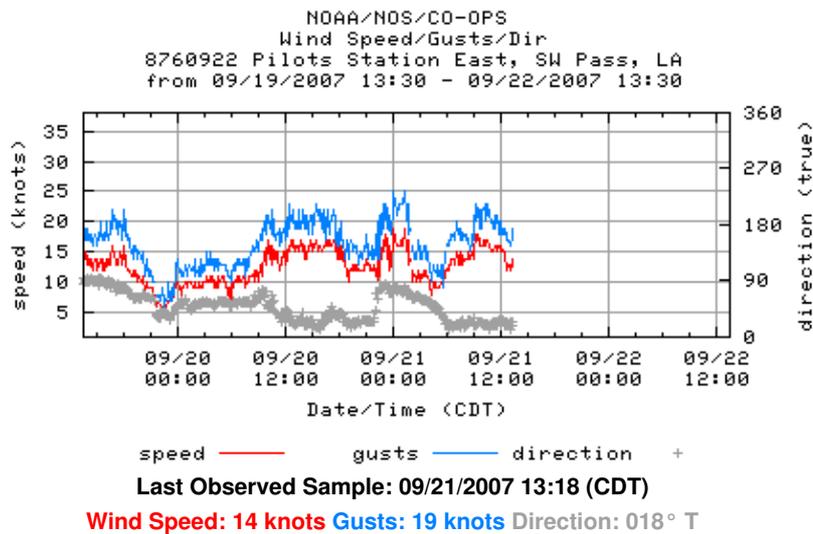
Relative to **MLLW**: Observed: 0.88 ft. Predicted: 0.31 ft. Residual: 0.57 ft.

Historical Maximum Water Level: n/a

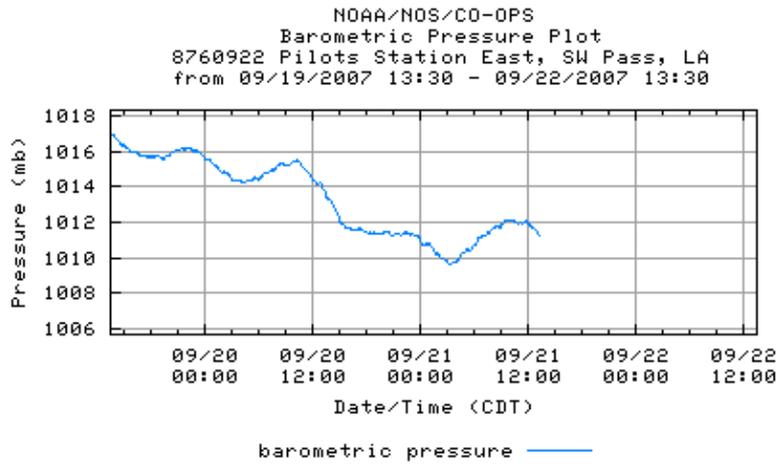
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



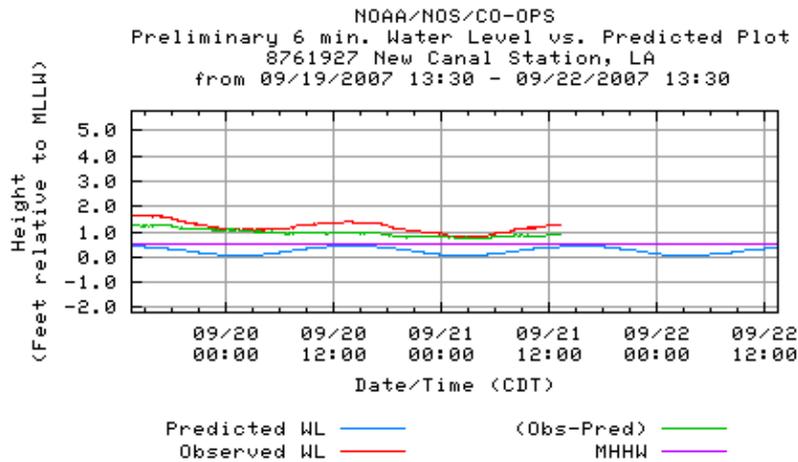
Pilots Station East, SW Pass, LA - Station Map [Return to List](#)



Last Observed Sample: 09/21/2007 13:18 (CDT)

Barometric Pressure: 1011.3 mb

New Canal Station, LA - Station Map [Return to List](#)

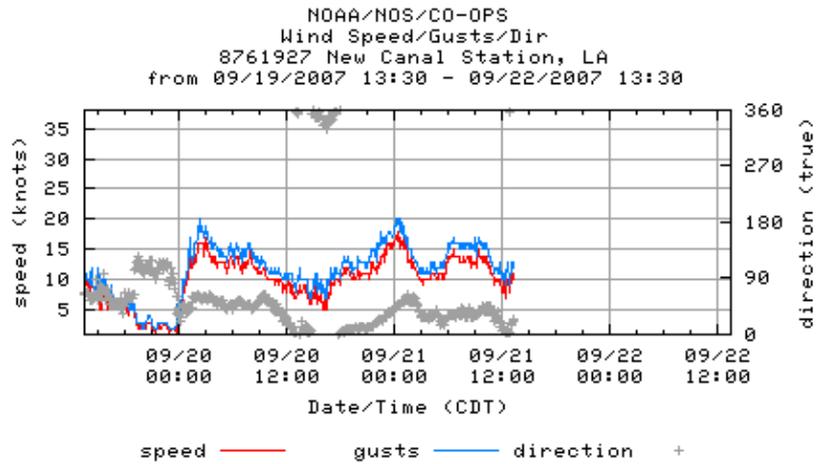


Last Observed Sample: 09/21/2007 13:18 (CDT)

Relative to **MLLW**: Observed: 1.29 ft. Predicted: 0.41 ft. Residual: 0.88 ft.

Historical Maximum Water Level: 09/10/1988, 3.18 ft. above **MHHW**

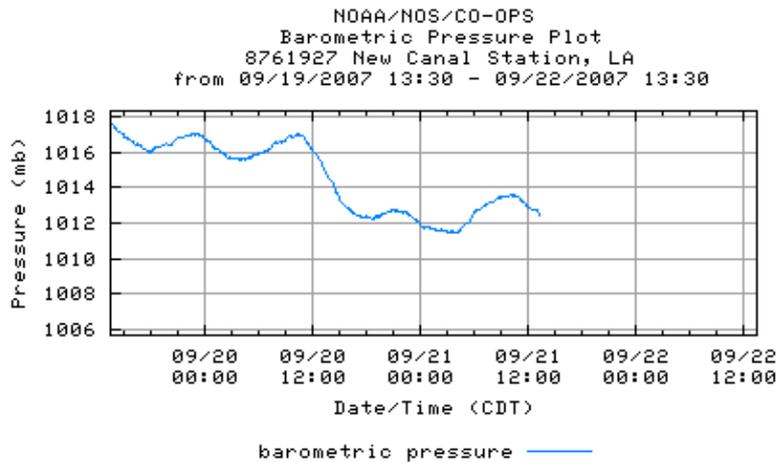
New Canal Station, LA - Station Map [Return to List](#)



Last Observed Sample: 09/21/2007 13:18 (CDT)

Wind Speed: 10 knots Gusts: 12 knots Direction: 021° T

New Canal Station, LA - Station Map [Return to List](#)



Last Observed Sample: 09/21/2007 13:12 (CDT)

Barometric Pressure: 1012.4 mb

Tropical Depression TEN QUICKLOOK, POSTED 13:30 CDT 09/21/2007

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce